

**Notice of Allowability**

Application No.

10/040,940

Examiner

Xiuqin Sun

Applicant(s)

ADIR ET AL.

Art Unit

2863

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 12/08/2004.
2. ☒ The allowed claim(s) is/are 54-75.
3. ☒ The drawings filed on 09 January 2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

## **DETAILED ACTION**

### ***Allowable Subject Matter***

1. Claims 54-75 are allowed.

### ***Reasons for Allowance***

2. The following is an examiner's statement of reasons for allowance:

The primary reason for the allowance of claims 54-59 is the inclusion of the claimed method step of defining a set of events, each event in said set having a triggering condition and a predetermined alternate input stream, said primary input stream and said alternate input stream comprising sequences of partially specified program instructions for said system-under-test. It is this step found in each of the claims, as it is claimed in the combination that has not been found, taught or suggested by the prior art of record, which makes these claims allowable over the prior art.

The primary reason for the allowance of claims 60-75 is the inclusion of the limitation of loading a set of events, each event in said set having a triggering condition and a predetermined alternate input stream, said primary input stream and said alternate input stream comprising sequences of partially specified program instructions for said system-under-test. It is this limitation found in each of the claims, as it is claimed in the combination that has not been found, taught or suggested by the prior art of record, which makes these claims allowable over the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Prior Art Citations***

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- 1) Shrote (U.S. Pat. No. 5774358) discloses a method and apparatus of test program generation for a system-under-test.
- 2) Matsuba et al. (U.S. Pat. No. 6467078) disclose a method and system for generating test program.
- 3) Boughner et al. (U. S. Pat. No. 5983001) disclose a method and system for facilitating the automatic creation of test scripts.
- 4) Passova (U. S. Pat. No. 6671874) discloses an universal verification and validation system and method of computer-aided software quality assurance and testing.
- 5) Szermer (U. S. Pat. No. 5913023) discloses a method for automated generation of tests for software.
- 6) Sugamori et al. (U. S. Pub. No. 2003/0074153) disclose an application specific event based semiconductor memory test system.

- 7) Pauwels et al. (U. S. Pat. No. 6002992) disclose a test system for verifying angle/time based systems and method therefore.
- 8) Ellis et al. (U. S. Pat. No. 5684946) disclose an apparatus and method for improving the efficiency and quality of functional verification.
- 9) Brummel (U. S. Pat. No. 6564178) discloses a method and apparatus for evaluating processors for architectural compliance.

#### ***Contact Information***

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Xiuqin Sun whose telephone number is (571)272-2280. The examiner can normally be reached on 6:30am-4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Barlow can be reached on (571)272-2269. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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December 20, 2004

Xiuqin Sun  
Examiner  
Art Unit 2863



John Barlow  
Supervisory Patent Examiner  
Technology Center 2800